S99	96	((successive$4 sequential$4) near2 ((subtract$7 cancel$8) near2 (background nois$3 environment$4 interfer$8))) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) not (S93 S94) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 09:37 BRS
S92	150	((successive$4 sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 (subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8)) and ((indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (beam highest loudest most noisest)) and ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8) near2 (background nois$3 environment$4 interfer$8)) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 10:25 BRS
S100	79	((successive$4 sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 (subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8)) and ((indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (beam highest loudest noisest major dominant)) and ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) not (S93 S94) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 10:38 BRS
S102	96	S101 not (S93 S94) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 10:38 BRS
S109	114	((successive$4 sequential$4 non-simultane$7 nonsimultane$7) (loudest noisest dominant)) and (381/93 381/66 381/94.1 381/94.7 381/97.1 381/91.4 381/97.4 381/71.11 381/71.12)cor. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB BRS 2006/01/25 11:05

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S74	107	(sequential$4 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and (source$1 speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 09:07 BRS
S80	8	(indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (beam highest loudest most noisest) with ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)).ti,ab. and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 09:17 BRS
S83	47	(indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (highest loudest noisest) same ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 09:46 BRS
S86	13	(indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (highest loudest noisest) same ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and (speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6).ti,ab. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 09:49 BRS
S88	10	(indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (highest loudest noisest) same ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) same (speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 09:54 BRS
S81	100	(indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (beam highest loudest most noisest) with ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 07:54 BRS
S90	72	((sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 (subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8)) and ((indicat$7 flag$7 mark$7 choos$4 select$7 determin$7 recogni$7) near2 (beam highest loudest most noisest)) and ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and ("704"/$.ccls. speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/25 08:05 BRS

S53	119	(sequential$4 serial$5 tandem$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7 nonparallel$4 non-parallel$4 multi-pass$4 multipass$4) and (S37 S39 S40) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/23 11:05 BRS
S52	29	(speech "704"/$.ccls.) and ((sequential$4 serial$5 tandem$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7 nonparallel$4 non-parallel$4 multi-pass$4 multipass$4) near8 ((cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8) near2 (background nois$3 environment$4 interfer$8)) and (ica! or bss! or ((sep$1rate$8 or sep$1rati$8 or un-mix$4 or umix$4 or decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (source$1 signal$1 speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6)) or (diagonal$8 near2 (decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8)))) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/23 11:55 BRS
S58	56	gerlach-k$.in. and filter$4 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 07:27 BRS
S55	59	(sequential$4 serial$5 tandem$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7 nonparallel$4 non-parallel$4 multi-pass$4 multipass$4) near2 ((cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8) near2 (background nois$3 environment$4 interfer$8)) and (ica! or bss! or ((sep$1rate$8 or sep$1rati$8 or un-mix$4 or umix$4 or decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (source$1 signal$1 speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6)) or (diagonal$8 near2 (decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8))) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 08:19 BRS
S63	92	(sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 ((cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and (speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 08:30 BRS
S67	51	(sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7).ti,ab. near2 ((cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) and (source$1 signal$1 speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 08:36 BRS
S72	12	"704"/$.ccls. and (sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near4 ((subtract$7 cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near4 (background nois$3 environment$4 interfer$8)) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 08:42 BRS
S68	106	(sequential$4 serial$5 one adj2 other non-current$4 noncurrent$4 non-simulatane$7 nonsimultane$7) near2 ((cancel$8 or attenuat$8 or reduce$8 or reduci$8 or reduct$8 or less$8 decorrelat$8 or de-correlat$8 or deconvol$8 or de-convol$8) near2 (background nois$3 environment$4 interfer$8)) with (source$1 signal$1 speech$9 or speak$9 or voic$9 or audio$9 or acoustic$9 or talk$9 or spoken or locut$9 or vocal$9 or sing or singi$9 or articulat$9 or sonic or sound or verbal$9 or oral$9 or dictat$7 or dialog$4 or discours$4 or conversation$6) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB 2006/01/24 08:44 BRS

(((successive* or sequential* or serial* or non-current* or noncurrent* or non-simultane* or nonsimultane*) <near/2> (subtract* or cancel* or attenuat* or reduce* or reduci* or reduct*)) or ((indicat* or flag* or mark* or choos* or select* or determin* or recogni*) <near/2> (beam or highest or loudest or noisest or dominant))) and ((subtract* or cancel* or attenuat* or reduce* or reduci* or reduct*) <near/2> (background or nois* or environment* or interfer*)) and (speech* or speak* or voic* or audio* or acoustic* or talk* or spoken or locut* or vocal* or sing or singi* or articulat* or sonic or sound or verbal* or oral* or dictat* or dialog* or discours* or conversation*)

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